



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)  
(Use several sheets if necessary)

**COMPLETE IF KNOWN**

|                      |                            |
|----------------------|----------------------------|
| Application Number   | 10/631,376                 |
| Confirmation Number  | 2135                       |
| Filing Date          | July 30, 2003              |
| First Named Inventor | Eric J. BERGMAN            |
| Group Art Unit       | 1746                       |
| Examiner Name        |                            |
| Attorney Docket No.  | 54008.8033.US00 (P03-0004) |

Sheet

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of

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**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. | U.S. Patent or Application |                         | Name of Patentee or Inventor<br>of Cited Document | Date of<br>Publication or<br>Filing Date<br>of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear |
|-----------------------|-------------|----------------------------|-------------------------|---|--|---|
|                       |             | NUMBER                     | Kind Code<br>(if known) |   |  |   |
| ZE                    | AB          | 4,695,327                  |                         | Grebinski   | 09/22/87   |   |
|                       | AC          | 4,974,530                  |                         | Lyon  | 12/04/90   |   |
|                       | AD          | 5,055,138                  |                         | Slinn   | 10/08/91   |   |
|                       | AE          | 5,120,370                  |                         | Mori et al.                                       | 06/09/92   |   |
|                       | AF          | 5,181,985                  |                         | Lampert et al.                                    | 01/26/93   |   |
|                       | AG          | 5,232,511                  |                         | Bergman   | 08/03/93   |   |
|                       | AH          | 5,234,540                  |                         | Grant et al.                                      | 08/10/93   |   |
|                       | AI          | 5,235,995                  |                         | Bergman et al.                                    | 08/17/93   |   |
|                       | AJ          | 5,244,000                  |                         | Stanford et al.                                   | 09/14/93   |   |
|                       | AK          | 5,248,380                  |                         | Tanaka  | 09/28/93   |   |
|                       | AL          | 5,308,745                  |                         | Schwartzkopf                                      | 05/03/94   |   |
|                       | AM          | 5,378,317                  |                         | Kashiwase et al.                                  | 01/03/95   |   |
|                       | AN          | 5,415,191                  |                         | Mashimo et al.                                    | 05/16/95   |   |
|                       | AO          | 5,464,480                  |                         | Matthews  | 11/07/95   |   |
|                       | AP          | 5,503,708                  |                         | Koizumi et al.                                    | 04/02/96   |   |
|                       | AQ          | 5,520,744                  |                         | Fujikawa et al.                                   | 05/28/96   |   |
|                       | AR          | 5,632,847                  |                         | Ohno et al.                                       | 05/27/97   |   |
|                       | AS          | 5,647,386                  |                         | Kaiser  | 07/15/97   |   |
|                       | AT          | 5,658,615                  |                         | Hasebe et al.                                     | 08/19/97   |   |
|                       | AU          | 5,705,089                  |                         | Sugihara et al.                                   | 01/06/98   |   |
|                       | AV          | 5,714,203                  |                         | Schellenberger et al.                             | 02/03/98   |   |
|                       | AW          | 5,749,975                  |                         | Li et al.   | 05/12/98   |   |
|                       | AX          | 5,776,296                  |                         | Matthews  | 07/07/98   |   |
|                       | AY          | 5,803,982                  |                         | Kosofsky et al.                                   | 09/08/98   |   |
|                       | AZ          | 5,858,107                  |                         | Chao et al.                                       | 01/12/99   |   |
|                       | BA          | 5,896,875                  |                         | Yoneda  | 04/27/99   |   |
| ZE                    | BB          | 5,911,837                  |                         | Matthews  | 06/15/99   |   |

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DATE CONSIDERED

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[54008.8033.US00/LA041610.014]

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| Examiner Name   |   |    |   |                          |                            |  |
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|                       |          | NUMBER                     | Kind Code (if known) |  |  |   |
| ZE                    | BC       | 5,944,907                  |                      | Ohmi   | 08/31/99   |   |
|                       | BD       | 5,971,368                  |                      | Nelson et al.                                  | 10/26/99   |   |
|                       | BE       | 6,299,696                  |                      | Kamikawa et al.                                | 10/09/01   |   |
|                       | BF       | 2002/0011257               |                      | DeGendt  | 01/31/02   |   |
| ZE                    | BG       | 6,551,409                  |                      | DeGendt  | 04/22/03   |   |

| FOREIGN PATENT DOCUMENTS |          |                               |           |                      |   |  |   |   |
|--------------------------|----------|-------------------------------|-----------|----------------------|---|--|---|---|
| Examiner Initials*       | Cite No. | Foreign Patent or Application |           |                      | Name of Patentee or Applicant of Cited Document | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T |
|                          |          | Office                        | NUMBER    | Kind Code (if known) |   |  |   |   |
| ZE                       | BH       | EP                            | 0 344 764 |                      | Wacker Chemitronic                              | 1989-12-06   |   |   |
|                          | BI       | EP                            | 0 548 596 |                      | Chlorine Engineers Corp.                        | 30.06.93   |   | X |
|                          | BJ       | EP                            | 0 702 399 |                      | Siemens AG                                      | 1996-03-20   |   |   |
|                          | BK       | GB                            | 2 287 827 |                      | NEC Corporation                                 | 27.09.1995   |   | X |
|                          | BL       | JP                            | 52-12063  |                      | Hitachi Ltd.                                    | 04.04.1977   |   | X |
|                          | BM       | JP                            | 03-041729 |                      | Tokyo Electron Ltd.                             | 22.02.1991   |   |   |
|                          | BN       | JP                            | 64-008630 |                      | Tokyo Electron Ltd.                             | 12.01.1989   |   |   |
|                          | BO       | JP                            | 1189921   |                      | Mitsubishi Electric Corp.                       | 1989-07-31   |   |   |
|                          | BP       | JP                            | 54-034751 |                      | Hitachi Ltd.                                    | 14.03.1979   |   |   |
|                          | BQ       | JP                            | 04-079221 |                      | Seiko Epson Corp.                               | 12.03.1992   |   |   |
| ZE                       | BR       | JP                            | 61-004232 |                      | NEC Corp.                                       | 10.01.1986   |   |   |

| OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS |          |   |  |  |
|---|----------|---|--|--|
| Examiner Initials*                              | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published. |  |  |
| ZE  | BS       | Alder, M., et al., "The Kinetics and Mechanism of Hydroxide Ion Catalyzed Ozone Decomposition in Aqueous Solution." <i>J. Am. Chem. Soc.</i> , 72:1884-1886 (1950).   |  |  |
| ZE  | BT       | Amick, J.A., "Cleanliness and the Cleaning of Silicon Wafers." <i>Solid State Technology</i> , pp. 47-52 (Nov. 1976).   |  |  |

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| [54008.8033.US00/LA041610.014]   |          |                 |          |

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| ZE  | BU       | Anantharaman, et al., "ORGANICS: Detection and Characterization of Organics in Semiconductor DI Water Processes." <i>Ultrapure Water</i> , pp. 30-36 (Apr. 1994).   |  |   |
|   | BV       | Baumgärtner, H., et al., "Ozone Cleaning of the Si-SiO <sub>2</sub> System." <i>Appl. Phys. A</i> , 43:223-226 (1987).  |  |   |
|   | BW       | Bedge, S., et al., "Kinetics of UV/O <sub>2</sub> Cleaning and Surface Passivation: Experiments and Modeling." <i>Mat. Res. Soc. Symp. Proc.</i> , 259:207-212 (1992).  |  |   |
|   | BX       | Bolon, D.A., et al., "Ultraviolet Depolymerization of Photoresist Polymers," <i>Polymer Engineering and Science</i> , 12(2):108-111 (1972).   |  |   |
|   | BY       | Christenson, K., et al., "Deionized Water Helps Remove Wafer Stripping 'Resist'-ance." <i>www.precisioncleaningweb.com--Precision Cleaning Web--Archives</i> , pp. 10-20 (Apr. 1998).   |  |   |
|   | BZ       | Egitto, F.D., et al., "Removal of Poly (Dimethylsiloxane) Contamination From Silicon Surfaces With UV/Ozone Treatment." <i>Mat. Res. Soc. Symp. Proc.</i> , 385:245-250 (1995).   |  |   |
|   | CA       | Gabriel, C., et al., "Reduced Device Damage Using An Ozone Based Photoresist Removal Process." <i>SPIE Advances in Resist Technology and Processing VI</i> , 1086:598-604 (1989).   |  |   |
|   | CB       | Ganesan, G., et al., "Characterizing Organic Contamination in IC Package Assembly." <i>The Int'l. Soc. for Hybrid Microelectronics</i> , 17(2), Second Quarter, 152-160 (1994).   |  |   |
|   | CC       | Golland, D.E., et al., "The Clean Module: Advanced Technology for Processing Silicon Wafers." <i>Semiconductor Int'l.</i> , pp. 154-157 (Sep. 1987).  |  |   |
|   | CD       | Goulding, M.R., "The selective epitaxial growth of silicon," <i>Materials Science and Engineering</i> , Vol. B17, pp. 47-67 (1993).   |  |   |
| ZE  | CE       | Heyns, M.M., et al., "New Wet Cleaning Strategies for Obtaining Highly Reliable Thin Oxides." <i>MRP Symposium Proceedings on Materials Research Society</i> , Spring Meeting, San Francisco, CA, Apr. 12-13, p. 35 (1993).                                     |  |   |

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| ZE  | CF       | Huynh, C., et al., "Plasma versus ozone photoresist ashing: Temperature effects on process-induced mobile ion contamination." <i>J. Vac. Sci. Technol.</i> , B9(2):353-356 (Mar./Apr. 1991).  |  |   |
|   | CG       | Isagawa, T., et al., "Ultra Clean Surface Preparation Using Ozonized Ultrapure Water." <i>Extended Abstracts of the 1992 Int'l. Conf. on Solid State Devices and Materials</i> ; pp. 193-195 (1992).  |  |   |
|   | CH       | Kasi, S., et al., "Surface Hydrocarbon Removal from Si by UV/Ozone." <i>ECS Extended Abstracts</i> , No. 458, pp. 691-692 (1990).   |  |   |
|   | CI       | Kasi, S., et al., "Vapor phase hydrocarbon removal for Si processing." <i>Appl. Phys. Lett.</i> , 57(20):2095-2097 (Nov. 1990).   |  |   |
|   | CJ       | Kern, W., "The Evolution of Silicon Wafer Cleaning Technology." <i>J. Electrochem. Soc.</i> , 137(6):1887-1892 (Jun. 1990).   |  |   |
|   | CK       | Krusell, W.C., et al., "Cleaning Technologies for High Volume Production of Silicon Wafers." <i>ECS Proc. of the First Int'l. Symposium on Cleaning Technology in Semiconductor Device Mfg.</i> , pp. 23-32 (Oct. 1989).  |  |   |
|   | CL       | Krusell, W.C., et al., "The Characterization of Silicon Substrate Cleaning Treatments by use of SIMS and MOS Electrical Testing." <i>ECS Extended Abstracts</i> , No. 229, p. 331-332 (1986).   |  |   |
|   | CM       | Nelson, S., "Ozonated water for photoresist removal." <i>Solid State Technology</i> , p. 107-112 (Jul. 1999).   |  |   |
|   | CN       | Ohmi, T., et al., "Native Oxide Growth and Organic Impurity Removal on Si Surface with Ozone-Injected Ultrapure Water." <i>J. Electrochem. Soc.</i> , 140(3):804-810 (Mar. 1993).   |  |   |
|   | CO       | Sehested, K., et al., "Decomposition of Ozone in Aqueous Acetic Acid Solutions (pH 0-4)." <i>J. Phys. Chem.</i> , pp. 1005-1009 (1992).   |  |   |
| ZE  | CP       | Shimada, H., et al., "Residual-Surfactant-Free Photoresist Development Process." <i>J. Electrochem. Soc.</i> , 139(6):1721-1730 (Jun. 1992).  |  |   |

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| ZE  | CQ          | Suemitsu, M., <i>et al.</i> , "Low Temperature Silicon Surface Cleaning by HF Etching/Ultraviolet Ozone Cleaning (HF/UVOC) Method (I)-Optimization of the HF Treatment." <i>Japanese Journal of Applied Physics</i> , 28(12):2421-2424 (Dec. 1989).             |   | X |
|   | CR          | Tabe, M., "UV ozone cleaning of silicon substrates in silicon molecular beam epitaxy." <i>Appl. Phys. Lett.</i> , 45(10):1073-1075 (Nov. 1984).   |   |   |
|   | CS          | Tong, J., <i>et al.</i> , "Aqueous Ozone Cleaning of Silicon Wafers." <i>ECS Extended Abstracts</i> , Phoenix, AZ, Abstract No. 506, pp. 753 (Oct. 13-17, 1991).  |   |   |
|   | CT          | Tong, J., <i>et al.</i> , "Aqueous Ozone Cleaning of Silicon Wafers." <i>Proc. of 2.sup.nd Int'l. Symposium on Cleaning Tech. In Semiconductor Device Mfg.</i> , pp. 18-25 (Oct. 1992).   |   |   |
|   | CU          | Vig, J., "UV/Ozone Cleaning of Surfaces." <i>U.S. Army Elec. Tech. and Devices Lab.</i> , pp. 1-26.   |   |   |
|   | CV          | Vig, J., "UV/Ozone Cleaning of Surfaces: A Review." <i>Surface Contamination: Genesis, Detection, and Control</i> , pp. 235-253 (1979).   |   |   |
|   | CW          | Vig, J., <i>et al.</i> , "UV/Ozone Cleaning of Surfaces." <i>IEEE Transactions on Parts, Hybrids, and Packaging</i> , Vol. PHP-12(4):365-370 (Dec. 1976).   |   |   |
|   | CX          | Vig, J., "UV/Ozone Cleaning of Surfaces." <i>U.S. Army Electronics Technology and Devices Laboratory</i> , ERADCOM, Ft. Monmouth, NJ, 07703-5302, pp. 1027-1034 (Sep./Oct. 1984).   |   |   |
|   | CY          | Zafonte, L., <i>et al.</i> , "UV/Ozone Cleaning For Organics Removal on Silicon Wafers." <i>SPIE Optical Microlithography III: Technology for the Next Decade</i> , 470:164-175 (1984).   |   |   |
|   | CZ          | Zazzera, L.A., <i>et al.</i> , "XPS and SIMS Study of Anhydrous HF and UV/Ozone-Modified Silicon (100) Surfaces." <i>J. Electrochem. Soc.</i> , 136(2):484-491 (Feb. 1989).   |   | X |
|   | DA          | "Ozone Concentration Measurement in a Process Gas." <i>Proposed IOA Pan American Group Guideline</i> , pp. 1-21 (Dec. 1993).  |   |   |
| ZE  | DB          | "Ozone for Semiconductor Applications." <i>Sorbios</i> , pp. 1-6 (Oct. 1991).   |   |   |

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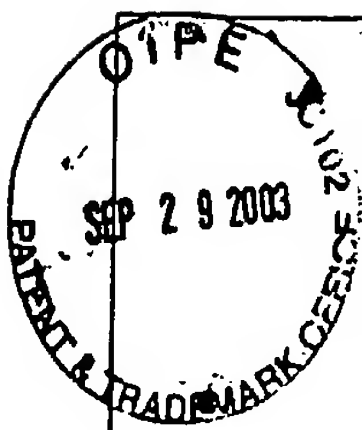
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